

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	64	(52/587.1).CCLS.	USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/29 13:38
L2	3	("4422277").PN. OR ("6468616"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/29 13:38
L3	18	("0146207"   "1182610"   "1648591"   "1919780"   "2268636"   "4189890"   "4199907"   "4251969"   "4363201").PN. OR ("4422277"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/29 13:39
L4	272	(52/dig.6).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/29 13:43
L5	29	("1412736"   "2050318"   "2106654"   "2201043"   "2214388"   "2612848"   "2917263"   "3077009"   "3102306"   "3162413"   "3163386"   "3599254"   "3717970").PN. OR ("3914914"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/29 13:45
L6	50	(52/dig.14).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/29 13:47
L7	237	(52/dig.13).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/29 13:47
L8	36	("2360500"   "3049195"   "3350828").PN. OR ("4719731"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/29 13:49
L9	41	("2844848"   "2866235"   "2882564"   "3348459"   "3363383"   "3572224"   "3974614").PN. OR ("4461131").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/29 13:51
L10	244	connector with mushroom	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/29 13:53

## EAST Search History

L11	142	("0014762"   "0410447"   "0495775"   "0772412"   "0983093"   "1330737"   "1751926"   "1912180"   "2144755"   "2249764"   "2499898"   "2693875"   "2766814"   "2841850"   "2979119"   "2994117"   "3009235"   "3015869"   "3020613"   "3038225"   "3066366"   "3078532"   "3083737"   "3101517"   "3141221"   "3192589"   "3247848"   "3263292"   "3266113"   "3338285"   "3347298"   "3353662"   "3364530"   "3372442"   "3403429"   "3408705"   "3410327"   "3416991"   "3494244"   "3514815"   "3518727"   "3534780"   "3572191"   "3592428"   "3600027"   "3619913"   "3620896"   "3633787"   "3648404"   "3653099"   "3654052"   "3686718"   "3735449"   "3808648"   "3808649"   "3900652"   "4073090"   "4169303"   "4290174"   "4322875"   "4502194"   "4557024"   "4674778"   "4727659"   "4872242"   "4910362"   "4947525"   "5070584"   "Re24613").PN. OR ("5179767"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/29 13:55
L12	161	(446/113).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/29 13:59
L13	15	("3168793").URPN.	USPAT	OR	ON	2008/03/29 14:00
L14	38	("1531542"   "1898297"   "2156155"   "3005282"   "3132443"   "3168793"   "3199246"   "3374917"   "3413752"   "3456413"   "3479763"   "3513588"   "3513589"   "3513590"   "3731422"   "3811219"   "3985083"   "4035977"   "4084344"   "4610563"   "4895544"   "4932916"   "5000713"   "5044137").PN. OR ("5239803"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/29 14:01
L15	19	("3132443").URPN.	USPAT	OR	ON	2008/03/29 14:02

## EAST Search History

L16	108	(446/112).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/29 14:05
L17	56	("1398852"   "1653465"   "1793520"   "2188090"   "2220469"   "2429557"   "2485189"   "2562751"   "2607972"   "3125195"   "3279479"   "3381883"   "3425389"   "3455080"   "3460860"   "3709237"   "3719001"   "3729881"   "3998002"   "4197945"   "4296524"   "4385850"   "4395799"   "4425740"   "4467572"   "4563381").PN. OR ("5487690"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/29 14:05
L18	8	("3460860"   "4296524"   "4563381"   "4828132"   "5450694"   "5487690"   "5729867").PN. OR ("7047576").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/29 14:06
L19	14	("2304215"   "3673732"   "4112612"   "4182073"   "4265454"   "4307535"   "4436264").PN. OR ("5100356").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/29 14:07
L20	137	(446/111).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/29 14:09
L21	111	(446/111).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/29 14:09
L22	102	21 not (12 16)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/29 14:09
L23	9	("1245440"   "4704313"   "4712336"   "4833856"   "4874341").PN. OR ("5810639").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/29 14:10
L24	19	("3274727").URPN.	USPAT	OR	ON	2008/03/29 14:11
L25	6	("3274727"   "4164091").PN. OR ("4813904").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/29 14:11

## EAST Search History

L26	22	("2910737"   "2926941"   "3274727"   "3488881"   "3496670"   "3597858"   "3636230"   "3827177").PN. OR ("4209934"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/29 14:12
L27	1	("1619101").URPN.	USPAT	OR	ON	2008/03/29 14:13
L28	223	(446/122).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/29 14:14
L29	204	28 not (12 16 20)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/29 14:15
L30	208	(446/128).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/29 14:17
L31	12	("3078616"   "3594940"   "3895456"   "4164091"   "4272274"   "4306372"   "4964802"   "5004491").PN. OR ("6634920"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/29 14:18
L32	10	("3867784"   "4077154").PN. OR ("4728310").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/29 14:19
L33	36	("2119921"   "3334798"   "3570170"   "3701214").PN. OR ("4270303"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/29 14:21
L34	265	(24/452).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/29 14:23

## EAST Search History

L35	98	("3076244"   "3101517"   "3191255"   "3266113"   "3312583"   "3320649"   "3405430"   "3408705"   "3522637"   "3526867"   "3557413"   "3629930"   "3686718"   "3710425"   "3808646"   "3808648"   "3833972"   "3840945"   "3869764"   "3879835"   "3889322"   "3899803"   "3913183"   "3921259"   "3981051"   "4001366"   "4180890"   "4198734"   "4216257"   "4290174"   "4290832"   "4322875"   "4819309"   "4875259"   "4887339"   "4944072"   "5040275"   "5067210"   "5077870"   "5196266"   "5212853"   "5212855"   "5235731"   "5242646"   "5396687"   "5457855"   "5473800"   "5490808"   "5579562"   "5596794"   "5607635"   "5611122"   "5614232"   "5625929"   "5634245"   "5639327"   "5657516"   "5671511"   "5671512"   "5679302"   "5691021"   "5713111"   "5761775"   "5797170"   "5799378"   "5845375"   "5852855"   "5868987"   "5879604"   "5980230"   "5983467"   "6000106"   "6039911"   "6076238"   "6124015"   "6133173"   "6159596"   "6179625"   "6248276"   "6276032"   "6280670"   "6287665"   "6303062").PN. OR ("6687962"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/29 14:24
L36	1433	(52/578).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/03/29 14:27
L37	522	(52/578).CCLS.	USPAT	OR	OFF	2008/03/29 14:27
L38	65	37 and (hole aperture)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/03/29 14:28
L39	30	("3075253"   "4373313"   "4837999").PN. OR ("4958472"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/29 14:28

## EAST Search History

L40	22	("2172571"   "2322088"   "2384965"   "4015876"   "4212405"   "4357047"   "4685721"   "4703948"   "4940279"   "4958472"   "5286079"   "5439266"   "5509714"   "5860693"   "5997076"   "6220651"   "6412854"   "6527335").PN. OR ("7114762"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/29 14:29
L41	19	("4455803"   "4455807"   "4685721"   "4810027"   "5058756"   "5066066"   "5112099"   "5439266"   "5584252"   "5860693"   "5934742"   "6003932"   "6010020").PN. OR ("6527335"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/29 14:29
L42	48	("0530314"   "2872240"   "3102498"   "3376063"   "3393920"   "4015876"   "4065168"   "4357047"   "4685721"   "4810027"   "4874184"   "4904017"   "4940279"   "5004269"   "5058756"   "5066066"   "5112099"   "5195800"   "5286079"   "5433501"   "5439266"   "5507405"   "5509714"   "5584252").PN. OR ("6010020"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/29 14:30
L43	35	("2080005"   "2123441"   "3102498"   "3386218"   "4043274"   "4045927"   "4104840"   "4656809"   "4703948"   "4750859"   "4810027"   "4904017"   "4936069"   "4940279"   "4958472"   "5014476"   "5022208"   "5042395"   "5066066"   "5112099"   "5140913"   "5285609"   "5433053"   "5507405"   "5584527"   "5628158"   "5664826"   "5673524"   "5774972"   "5992117"   "6010020").PN. OR ("7069702"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/29 14:30
L44	67	("2117397"   "2956652"   "4557961"   "4966082"   "4993329").PN. OR ("5140913").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/29 14:31

## EAST Search History

L45	42	("3386218"   "3815500"   "3842756"   "4045927"   "4065168"   "4104840"   "4656809"   "4685721"   "4703948"   "4810027"   "4904017"   "4940279"   "4958472"   "5058756"   "5066066"   "5112099"   "5195800"   "5286079"   "5433501"   "5439266"   "5507405"   "5509714"   "5562981"   "5700118"   "5704676"   "5772276"   "5860693"   "5876089"   "5938274"   "5992117"   "5997076"   "6003932"   "6010020"   "6106205"   "6220651"   "6450564"   "D398264").PN. OR ("6578902").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/29 14:31
L46	18	("2954003"   "3909996").PN. OR ("4222695").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/29 14:33